

b) a naturally occurring amino acid sequence having at least 90% sequence identity to an amino acid sequence of SEQ ID NO:2,

c) a biologically active fragment of an amino acid sequence of SEQ ID NO:2, and

d) an immunogenic fragment of an amino acid sequence of SEQ ID NO:2.

20. A cell transformed with a recombinant polynucleotide of claim 19.

21. A transgenic organism comprising a polynucleotide of claim 19.

22. A method for producing a polypeptide comprising an amino acid sequence selected from the group consisting of an amino acid sequence of SEQ ID NO:2, a naturally occurring amino acid sequence having at least 90% sequence identity to an amino acid sequence of SEQ ID NO:2, a biologically active fragment of an amino acid sequence of SEQ ID NO:2, and an immunogenic fragment of an amino acid sequence of SEQ ID NO:2, the method comprising:

a) culturing a cell under conditions suitable for expression of the polypeptide, wherein said cell is transformed with the recombinant polynucleotide of claim 19, and

b) recovering the polypeptide so expressed.

23. A method for detecting a target polynucleotide in a sample, said target polynucleotide comprising a polynucleotide sequence selected from the group consisting of a polynucleotide sequence of SEQ ID NO:1, a naturally occurring polynucleotide sequence having at least 90% sequence identity to a polynucleotide sequence of SEQ ID NO:1, a polynucleotide sequence complementary to a polynucleotide sequence of SEQ ID NO:1, and a polynucleotide sequence complementary to a naturally occurring polynucleotide sequence having at least 90% sequence identity to a polynucleotide sequence of SEQ ID NO:1, the method comprising:

a) hybridizing the sample with a probe comprising at least 16 contiguous nucleotides comprising a sequence complementary to said target polynucleotide in the sample, and which probe specifically hybridizes to said target polynucleotide, under conditions whereby a hybridization complex is formed between said probe and said target polynucleotide, and